

Table 1.— Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

Date	Discharge volume (cfs) ¹	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
				BY09 Fall	BY10 Late-fall	BY10 Winter	BY10 Spring	BY10 Steelhead
11/5/10	7,550	12.7	1.8	0 (-)	169 (83 – 110)	1,766 (39 – 70)	1,052 (33 – 38)	102 (63 – 91)
11/6/10	7,270	12.7	1.9	0 (-)	153 (78 – 116)	1,144 (39 – 72)	840 (32 – 38)	0 (-)
11/7/10	7,270	12.4	2.4	0 (-)	94 (83 – 113)	910 (45 – 77)	192 (33 – 37)	0 (-)
11/8/10	9,210	11.9	5.4	0 (-)	2,190 (79 – 142)	9,351 (40 – 78)	1,113 (33 – 39)	39 (82)
11/9/10	8,640	12.2	5.6	37 (155)	3,923 (79 – 131)	30,070 (40 – 78)	3,291 (30 – 39)	0 (-)
11/10/10	7,780	10.9	4.5	33 (148)	801 (80 – 140)	8,649 (40 – 79)	2,270 (33 – 39)	33 (72)
11/11/10	7,630	11.0	4.2	0 (-)	823 (81 – 141)	6,587 (42 – 79)	723 (34 – 39)	39 (92)
11/12/10	7,500	10.7	2.1	0 (-)	349 (83 – 113)	3,163 (44 – 77)	35 (36)	172 (90 – 147)
11/13/10	7,290	10.6	1.7	0 (-)	650 (82 – 122)	3,728 (41 – 80)	205 (36 – 37)	34 (79)
11/14/10	7,330	11.1	1.9	0 (-)	414 (84 – 124)	3,852 (41 – 79)	34 (40)	34 (79)
11/15/10	7,290	11.8	1.6	0 (-)	523 (83 – 124)	5,058 (45 – 79)	175 (36 – 38)	70 (82 – 93)
11/16/10	7,270	11.7	1.6	0 (-)	690 (84 – 136)	7,867 (42 – 82)	133 (35 – 37)	69 (75 – 101)
11/17/10	7,270	11.2	2.1	0 (-)	635 (84 – 120)	4,926 (44 – 82)	34 (36)	0 (-)
11/18/10	7,100	11.1	1.7	0 (-)	109 (84 – 117)	1,908 (51 – 82)	38 (41)	34 (66)
Biweekly total ²				70	11,523	88,979	10,135	626
<i>Biweekly Lower 90% Confidence Interval</i>				-28	8,208	67,195	7,458	205
<i>Biweekly Upper 90% Confidence Interval</i>				168	14,838	110,763	12,812	1,047
Brood-year total				9,511,481	170,255	1,191,819	33,507	100,685
<i>Brood-year Lower 90% Confidence Interval</i>				3,568,667	58,141	812,846	19,078	49,870
<i>Brood-year Upper 90% Confidence Interval</i>				14,840,518	282,370	1,570,792	47,936	151,499

¹ Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (<http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd>).

² Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we impute missed sample days with the weekly mean value of days sampled within the week.